

## PHENIX WEEKLY PLANNING

3/29/2007 Don Lynch





# hnical Support

#### How'd we do?

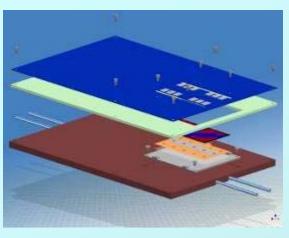
- · HBD Bertan HV checks and resister changes
- muID gas checks and fitting tightening
- ADAM stuff
- · AC maintenance North & South
- Xe gas in TEC
- ZDC/BBC HV mainframe
- ERT-W arcnet problems & remote power control
- TOF-W HV problems
- DC HV & arcnet problems
- RXNP signal problems
- · Other

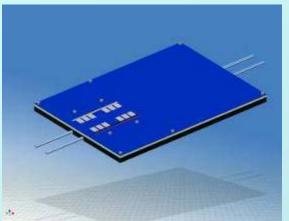
No requests for access yet

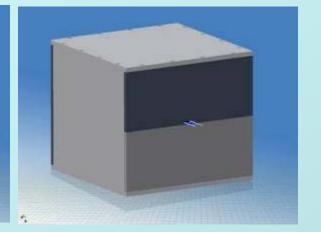
Get requests in early, especially if work permit required



#### VTX Prototype Test







Mike L. helping with cooling system

Tests to be done in Chemistry Dept.

#### PHENIX

#### Procedures Review

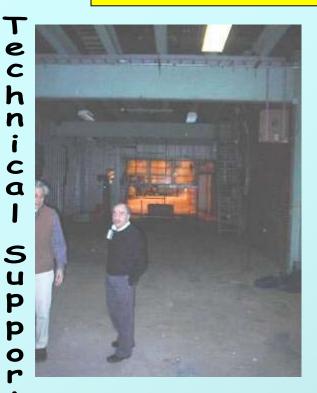
#### 3rd pass review of documents 3/4 done:

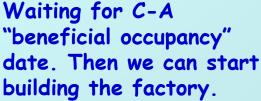
- 124 (POTENTIAL) controlled procedures total (elliminated 6 more)
- 116 controlled procedures
- 8 "Other"
- 72 de-activated, review complete, 9 more active status TBD
- Should have 43-52 active procedures when done, some of these will be combined further reducing the # of active procedures.
- 12 C-A OPM's requiring PHENIX input (11 current, 1 cancelled)

Efforts Continuing......



#### RPC Assembly "Factory" at BNL





Wei to provide initial specs next week.







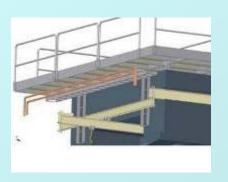
Need office, tent, work tables, power, phone, internet, water & air utilities, jib crane, test gas storage and supply infrastructure, etc.



# Technical Support 2007

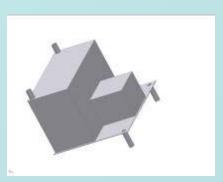
•	End of Run 7(Run Length-start of Physics to run end)	3 months	July 1
•	Shutdown Prep	2 weeks	July 1
•	DC Repair	1 week	July 9
•	HBD remove-repair-reinstall	2-5 months	May 1
	West out May 1, East out July 9		
•	MPC North and south repair & upgrades	2-3 months	July 23
•	Install FEE Upgrade 1 octant MuTR 1,2 South	1 month	July 30
•	Infrastructure upgrades access (crane/ladder)	1 month	Sep. 1
•	TBD detector maintenance and repair	0-3 months	July 9
•	RPC Factory	3-4 years	March 15
•	EC roll in start commissioning and run prep	1 month	Oct 1

Shutdown length (End of run 7 to run 8 cooldown start) 3-1/2 mo. Oct. 15









#### PHENIX

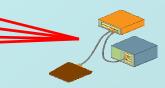


#### MuTr FEE Upgrade

MuTr FEE prototypes and upgrade:

More info needed to plan for May prototype installation and summer installation of lower octant of stations 1 and 2 South

Emailed Atushi Taketani ...waiting for reply



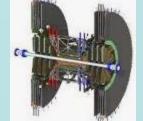
#### 2008 & Beyond

Technic a Suppo r t 2007 Bi weekly integration meeting re-established to plan next 5 years or so. Guidelines adopted. Plan to meet with RPC engineers in April.

- · TBD detector maintenance and repair each year
- · Install Cu absorber for 1 South octant,
- Install RPC 3 South
- Install FEE Repairs & Upgrade MuTR 1, 2 South all octs
- · Install LL1 South
- Install new beampipe
- Install VTX
- · Install RPC 3 North
- · Install RPC 2 South and North
- Install FEE Upgrade MuTR 1, 2 North (all octants)
- Install LL1 North
- · Install Full Cu absorber + NCC tungsten
- Install FVTX
- Install NCC N & S
- Remove Cu Shielding
- Install RPC 1AB North and South
- Install FEE Upgrade MuTR 3, South and North









### Where To Find PHENIX Technical Info



Links for the weekly planning meeting slides, long term planning, pictures, videos and other technical info can be found on the web site:



http://www.phenix.bnl.gov/WWW/INTEGRATION/ME&Integration/DRL\_SSint-page.htm